Operating Your System

With The MX-5000
Two Way Touch Screen

UNIVERSAL®
remote control

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This remote control was Custom Programmed for you by:

For questions about your Custom Programming call:

Custom Programming of a complex home theater and/or a multi-room system is one of the most challenging tasks within an audio/video installation. It involves an intimate knowledge of how the components interact and exact details on the proper sequences of control.

Only a Complete Control dealer has the requisite experience and training to quickly and effectively customize a remote control for true automated operation.

Congratulations on your choice!

MX-5000 Owners Manual © 2009 Universal Remote Control, Inc.

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Congratulations

You've purchased a unique synthesis of hardware and software engineering, the Complete Control MX-5000. The twin goals of the design team were to improve the elegance and usability of touch screens through the physical design while providing a new standard in brightness, clarity and animation for the touch screen itself.

Easy Operation

By assigning the important home theater operational buttons to the natural resting place of the end users thumbs, the MX-5000 achieves a new standard in use and comfort.

Automatic Backlighting

The integral motion sensor detects any movement of the touch screen and automatically backlights the screen. You do not have to press any button to display the screen. Any movement of the MX-5000 renews the backlighting. To adjust the backlighting, see page 12.

Programming the MX-5000

To fully automate an audio/video system and integrate two way automation of servers etc. the programmer must have a detailed knowledge of each component, LAN configuration, Wi-Fi optimization and how the system is connected and operated. Only a trained and certified professional audio/video installer can install an MX-5000 automation system in a timely and efficient manner.

How do I reset MX-5000

Normally, resetting MX-5000 is not necessary.
However, if MX-5000's touch screen freezes or if you notice unusual behavior, you should press the MAIN and EXIT buttons simultaneously for 3 seconds (It will restart the MX-5000).

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Connecting the Battery Pack

Unlock the rear cover by pressing down on the spring lock at the top of the cover.

Remove the cover. For shipment from the factory, the battery is left out of the MX-5000. Place the battery into the battery compartment, making sure you align the contacts on the battery to the contacts on the MX-5000. The battery will snap into place when aligned properly.

Replace the cover and snap it into place.

Using the Charging Base

Plug the 6V DC adapter into a power outlet and into the back of the charging base.

Gently place the MX-5000 into the cradle of the charging base. It automatically aligns itself to the contacts on the charging base.

Red indicates charging, Blue that the remote is fully charged.

The Status light should immediately light. Red indicates that it is charging. Blue shows that it is fully charged. There is no harm in leaving the MX-5000 on its charging base whenever it is not in use.

Two Way via Wi-Fi

To use the MX-5000 with any two way companion product, the MX-5000 must be configured by your installer to be part of a LAN (local area network) via a Wi-Fi b/g access point or router. This is not user configurable. If you have any questions, consult with your custom installer.

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Optional RF "No Rules" Operation

In combination with an MSC-400 Master System Controller, or an RF Base Station, the MX-5000 can control your system without being in line-of-sight of the equipment.

The MSC-400 enhances the capabilities of the MX-5000 by storing and issuing Smart Macros to your main system components. It is triggered by RF Smart Macro commands via RF (radio frequency). In addition, your MX-5000 can control components in secondary rooms and systems via MRF-350 or MRF-260 RF base stations.

1. The MX-5000 sends radio waves in every direction, so you don't have to point the remote anymore!

2. The RFX-250 RF Sensor can be freely positioned for optimal reception.

3. The MSC-400 can control IR, RS232 and Relay controlled devices.

4. Self-adhesive "Flashers" affix to the Infrared sensors on the front panels of your components. Uniquely, all Complete Control base stations can also connect to components with rear panel IR Inputs via adjustable IR Line Outputs. The MSC-400 offers RS-232 control via rear panel connections as well.

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Operating Your System

The MX-5000's main pages display the activities and devices in your system. Press the main page button to see what your choices are. Large systems may have more than one page. Press either of the Page buttons if you don't see all your devices.

Gently press any screen button with your finger to select an activity or a device. The screen will change to a display of the buttons you need for that activity/device. The Page buttons may reveal additional buttons for some devices and activities.

When you would like to control another device, press the main page button and select a new device from the main page.

The main button always displays the main menu pages.

The Page buttons display additional pages of controls.

The Volume and Mute buttons are always available regardless of what screen is displayed.

The 4 way cursor buttons enable you to both scroll lists of artists, albums or songs from your Music Server on the MX-5000 touch screen or to navigate TV guides and menus with ease.

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Using Two Way Personal Server Features

Step 1 – Insert an iPod into the PSX. The Universal Remote Control screen appears on the iPod. This means it's connected to the dock and ready for use with the MX-5000 remote control.

Step 2 – Select the dock you want to listen to from the Main page of your MX-5000.

Step 3 – If the system has just been turned on, you may see the message, "Connecting to iPod Dock". Once the MX-5000 has connected to the iPod Dock, the iPod menu screen appears. If the iPod is already playing, the "Now playing screen" appears.

Step 4 – When you browse for new content, press the Menu button. The browse screen appears.

On the MX-5000, you can navigate lists on the screen in two ways. Either flick the list by touching the screen or place your thumb on the Up Down arrow buttons. When you see the item you want, you can either touch it on the MX-5000 screen, or you can press the "OK" button. The Now Playing Screen appears after a selection is made.

Flick the list to make the list scroll.
Or, Press the Cursor Up and Down buttons to make the list scroll.

The Menu Button reveals the last menu list you accessed. Operates like the iPod.

Transport Controls enable you to play, pause, skip tracks or fast forward and rewind whatever is playing.

Touch the item you want on the touch screen.

The Right Page button, labeled Now Playing returns the screen to the now playing screen.

You can also press the OK button to select the item you want.

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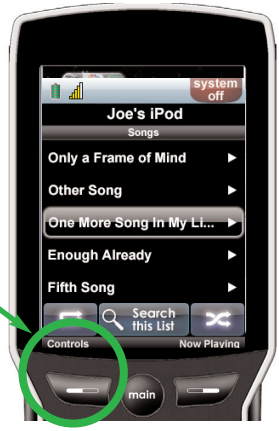
Revolutionary New iPod Controls

The heart of your new personal server experience is found on your MX-5000 by pressing the Controls button. This reveals the unique personal server features only found on the MX-5000.



The Page button is now labeled Controls and always accesses the unique iPod Controls screen.

Once the Controls screen appears, simply tap the feature you want:

Shortcuts to finding playlists, albums, artists, etc. without using the Menu button.

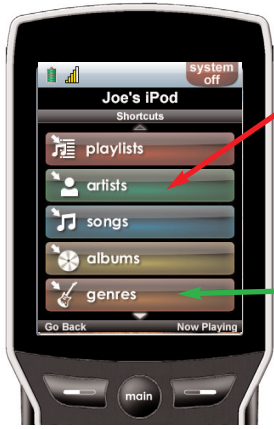
More from this artist, this album, this genre, even this composer...

Music Search enables you to alphabetically search for any artist, album, song or playlist.

Shuffle exactly what you want (this album, this artist, this genre, etc.)

Jukebox lets you build and manage your own playlist without accessing your PC.

Shortcuts:
The "Shortcuts" screen makes navigating your iPod easier than ever before. Touch any button to jump directly to that menu. Example: Touch the "Artists" button to jump directly to the Artists menu.



Flick the list to reveal more shortcuts, or use the Up and Down Cursor buttons.

Touch the item you want or use the OK button.

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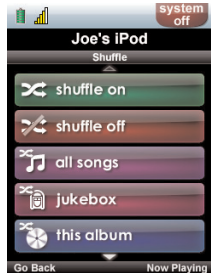
Shuffle:

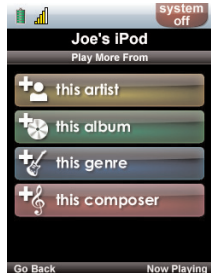
The "Shuffle" screen enables you to easily shuffle just what you want. The currently playing album, artist, genre or playlist, or flick the list to reveal new revolutionary shuffle options. You can choose to shuffle any artist, any album, any genre, or even any composer.



For example, at the bottom of the list, select Another Genre, then select Jazz to Shuffle just your Jazz music.

Play More From:

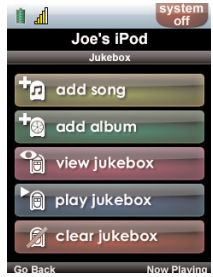
The "Play More From" button enables you to play more from the currently playing artist, album, genre or composer.



Imagine how powerful this is when you are exploring your music using shuffle play. Anytime you hear someone you are curious about, touch the Play More From button and explore their work.

Jukebox:

The "Jukebox" button opens a menu of choices allowing you to create a jukebox playlist anytime, right on your MX-5000. Touch the "add song to Jukebox" icon or "add album to jukebox" to add the currently playing song or album to the jukebox. To play the jukebox, touch the "play jukebox" icon.

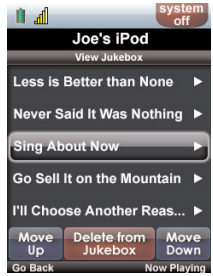


To edit the jukebox, touch the "view jukebox" icon.

Note: the Jukebox playlist is not cleared if you remove and replace the same iPod. However, it will be erased, if you replace the iPod with a different one, or in the event of a power failure.

Edit Jukebox:

Songs can be moved up, down or deleted from the jukebox list by using the control keys on the bottom of the "view jukebox" screen.



To exit from the "View Jukebox" screen, touch either the Left Page button (labeled " Go Back") or the Right Page button (labeled "Now Playing").

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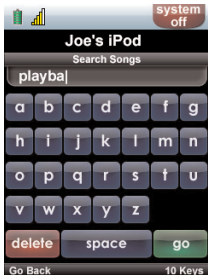
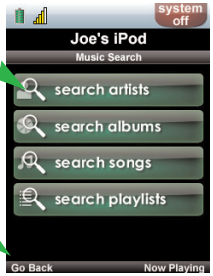
Using the Alpha Search Feature:

The "search" button appears in the center of the bottom of the screen whenever you are browsing lists of artists, albums, songs, or playlists.



Simply click on Search, and an alphabetical keyboard appears. Type in as many characters as you like and touch "Go". The Music Search screen will appear.

Select the category you'd like to search.



The Left Page button (now labeled "Go Back") takes you back to the last list you were browsing.

Using the 10 Key "Cell Phone Style" Keyboard

If you find the keyboard buttons to small, touch the Right Page button (now labeled "10 Keys"). This reveals a screen that allows you to type the same way you do with small cell phones.

For example, if you want to type the letter "C", press the ABC2 button. A pop up of ABC2 will appear. Touch C and the letter is entered.

Press Go when you are ready to search, then select the category.

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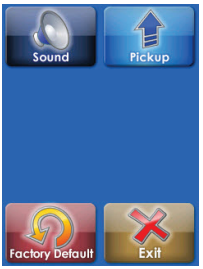
Displaying the Settings Screen

You can adjust the settings of the MX-5000 whenever you like by pressing and holding the main + OK button for three seconds. When you do, the screen will change to the Settings screen. If you do not press any button on the Settings screen within 30 seconds, the MX-5000 will time out and automatically return to normal operation.

Page buttons reveal the rest of the settings.

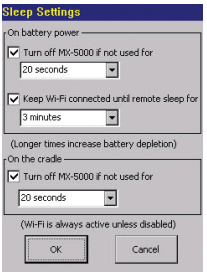


Page 2 of the Settings Screen

There are two pages of Settings screen. To access the other page, press either of the Page buttons.

Sleep Settings

Wi-Fi and Backlighting can be separately adjusted to conserve battery life. Note that if Wi-Fi is disconnected, the MX-5000 will take an additional 4-10 seconds to connect to the network when a two way device is started.



Network

WARNING! Only use this button when instructed to by Technical Support. The Network screen displays network information about your MX6000 and the wireless network it is connected to. Do not make any changes on this screen!

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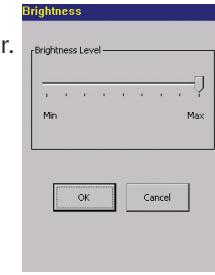
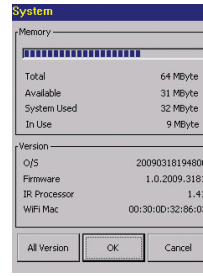
Brightness

Adjust the screen brightness by moving the slider. dimmest setting and Max is the brightest setting.



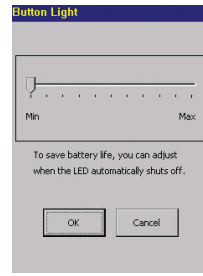
System

The System Information screen displays data about your MX-5000's operating system, memory etc.



Button Light

You can adjust the brightness of the LEDs that backlight the buttons of the MX-5000. Move the slider to the left to dim the backlighting and move it to the right to brighten the backlighting.



Power Settings

You can display the remaining charge by selecting Power.
You can also adjust when the low battery warning screen will appear.

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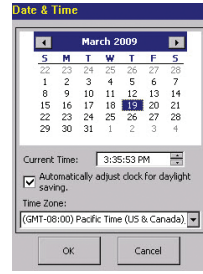
Calibration

If you like, you can calibrate where you tap by running the calibration. You will need a pen top or PDA stylus to do this. Do not attempt to calibrate using your fingers.

Date and Time


Date & Time
March 2009
S M T W T F S
22 23 24 25 26 27 28
1 2 3 4 5 6 7
8 9 10 11 12 13 14
15 16 17 18 19 20 21
22 23 24 25 26 27 28
29 30 31 1 2 3 4
Current Time:
3:35:53 PM
Automatically adjust clock for daylight saving.
Time Zone:
(GMT-08:00) Pacific Time (US & Canada)
OK
Cancel

Your MX-5000 may have been programmed to display the time or date on the touch screen. If you need to, you can adjust the time displayed by changing the settings on this screen. If you live in a part of the country that uses daylight savings time, check the box next to: "Automatically adjust time for daylight savings time".

Sound

You can adjust the volume or touch vibration to any level you like by touching and dragging the volume control.

Pickup Settings

You can set your MX-5000 to only turn on when touched, or every time you move it. Simply select on or off.
And you can adjust the pickup sensitivity with slide bar.

Factory Default

WARNING! Only use this button when instructed to by Technical Support. It resets the memory of the MX-5000 to the factory condition. All your programming will be lost!

Exit

When you have finished adjusting Settings, simply tap the EXIT button to return to normal operation.

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Maintaining Your MX-5000

Be careful not to scratch the touch screen, only use your finger to tap the LCD touch screen or use a plastic pen top or PDA stylus. Never use a real pen, pencil or any other sharp object on the screen. Keep it away from extreme cold or heat. The MX-5000 is not waterproof. Do not use it in any location that is damp or wet. If you spill water on it, take out the battery pack and let the MX-5000 dry for 48 hours before you try powering it up again. If you spill coffee or another beverage on it, clean it with distilled water. Make sure no water gets inside the MX-5000. The touch screen contains a glass element. Don't drop the MX-5000 or impact it against anything.

Use a soft, damp cloth to clean the screen. If the screen still shows finger prints, clean it with watered down window-cleaner. Do not use anything abrasive and don't use too much water, some might leak into the interior.

Precautions & Information: Rechargeable Lithium Ion Batteries
If you will not be using your remote control for an extended period of time, be sure to remove the battery. Do not attempt to disassemble, alter or apply heat to the battery. Use care to avoid dropping the battery or subjecting it to severe impact that could damage the case. The battery should not be immersed in water. Lithium Ion batteries are recyclable. For the address of a recycle drop-off location near you call toll free 1-800-822-8837 or visit http://www.rbrc.com

USA Limited Warranty Statement

Your Universal Remote Control, when delivered to you in new condition, is warranted against defects in materials or workmanship as follows: UNIVERSAL REMOTE CONTROL, INC. warrants this product against defects in material or workmanship for a period of one (1) year and as set forth below. Universal Remote Control will, at its sole option, repair the product using new or comparable rebuilt parts, or exchange the product for a comparable new or rebuilt product. In the event of a defect, these are your exclusive remedies.

This Limited Warranty covers only the hardware components packaged with the Product. It does not cover technical assistance for hardware or software usage and it does not cover any software products whether or not contained in the Product; any such software is provided "AS IS" unless expressly provided for in any enclosed software Limited Warranty.

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To obtain warranty service, you must deliver the product, freight prepaid, in its original packaging or packaging affording adequate protection to Universal Remote Control at the address provided in the Owner's Manual. It is your responsibility to backup any macro programming, artwork, software or other materials that may have been programmed into your unit. It is likely that such data, software, or other materials will be lost during service and Universal Remote Control will not be responsible for any such damage or loss. A dated purchase receipt, Bill of Sale, Installation Contract or other verifiable Proof of Purchase is required. For product support and other important information visit Universal Remote Control's website: http://www.UniversalRemoteControl.com or call the Universal Remote Control Customer Service Center (914) 835-4484.

This Limited Warranty only covers product issues caused by defects in material or workmanship during ordinary consumer use. It does not cover product issues caused by any other reason, including but not limited to product issues due to commercial use, acts of God, third-party installation, misuse, limitations of technology, or modification of or to any part of the Universal Remote Control product. This Limited Warranty does not cover Universal Remote Control products sold as USED, AS IS, REFURBISHED, so-called "B STOCK" or consumables (such as batteries). This Limited Warranty is invalid if the factory-applied serial number has been altered or removed from the product. This Limited Warranty is valid only in the United States of America. This Limited Warranty specifically excludes products sold by unauthorized resellers.

UNIVERSAL REMOTE CONTROL SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR BREACH OF ANY EXPRESS OR IMPLIED WARRANTY OR CONDITION ON THIS PRODUCT. EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, THERE IS NO OTHER WARRANTY EXPRESSED OR IMPLIED. UNIVERSAL REMOTE CONTROL WILL NOT BE HELD RESPONSIBLE FOR STATEMENTS MADE BY OTHERS CONCERNING THE MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ON THIS PRODUCT. Some states or jurisdictions do not allow the exclusion or limitation of incidental or consequential damages, or allow limitations on how long an implied warranty lasts, so the above limitations or exclusions may not apply to you. This Limited Warranty gives you specific legal rights and you may have other rights which vary from state to state or jurisdiction to jurisdiction.

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Specifications

Microprocessor: 533MHz ARM9
RAM: 128Mbyte Mobile DDR
NAND: 64Mbyte
LCD: 2.8 Inch Screen (240 by 320)
LCD Backlighting by LED
Sound: mono 1 watt
USB: 2.0
Devices - Supports up to 255 Devices with text, less with heavy graphics usage
Pages - Supports up to 255 Pages on each Device with text, less with heavy graphics usage
Learning Capability - Standard frequencies (20kHz to 455kHz)
Macro Capability - Up to 255 steps each, however nesting is allowed

IR Range (Line of Sight via Infrared): 30-50 feet, depending on the environment
RF Frequency: 418MHz
RF Range (radio frequency): 50 to 100 feet, depending upon the environment
Wi-Fi: IEEE 802.11 B (11Mps), G (54Mps)
Battery: Lithium Ion, 2400mAh
Battery Capacity: 4 hours continuous use, 9 days standby
Battery Charging Time: 5 Hours
Dimensions: 8.8″ Height x 2.3″ Wide x 0.9 Thick
Battery Warranty : 1 Year
Weight (without AC Adapter): 7.8 oz

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